

# Work Order ID 81029

**\*81029\***

Page 1

March-06-12 4:28:17 PM

Item ID: D3997-15 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Placard  
 Start Date: 06/03/2012 Start Qty: 10.00 **\*10\*** Cust Item ID:  
 Required Date: 20/03/2012 Req'd Qty: 10.00 **\*10\*** Customer:  
 Reference:

Approvals: Process Plan: MLJ Date: 12/03/06 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr                       | Revision Nbr             |                      |         |        |              |               |               |                  |                |
| D3997                          | A                        |                      |         |        |              |               |               |                  |                |

100 0.00

**\*100\***

Purchasing

Purchasing

Memo

Issue P/O: 14363  
 Manufacture as per Dwg D3997  
 Possible Supplier: Studio Lettrage  
 Material release note required

0.00

12-03-7

110 Receive & Inspect for Damage & Mat'l Certs 0.00

**\*110\***

Packaging

Packaging

Memo

0.00

12/3/13 (10)

120 QC6- Inspect dimensions to drawing 0.00

**\*120\***

QC

Quality Control

Memo

0.00

5.26/13

(10)

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**Work Order ID 81029****\*81029\***

Page 2

March-06-12 4:28:17 PM

Item ID: D3997-15

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Placard

Start Date: 06/03/2012 Start Qty: 10.00

**\*10\***

Cust Item ID:

Required Date: 20/03/2012 Req'd Qty: 10.00

**\*10\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description                         | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 130                            | Identify as per dwg & Stock Location <b>5141</b> | 0.00                 |         |        |              |               |               |                  |                |
| <b>*130*</b>                   |  |                      |         |        |              |               |               |                  |                |
| Packaging                      | Memo   | 0.00                 |         |        |              |               |               |                  |                |
| Packaging                      |  |                      |         |        |              |               |               |                  |                |
| 140                            | QC21- Final Inspection - Work Order Release      | 0.00                 |         |        |              |               |               |                  |                |
| <b>*140*</b>                   |  |                      |         |        |              |               |               |                  |                |
| QC                             | Memo   | 0.00                 |         |        |              |               |               |                  |                |
| Quality Control                |  |                      |         |        |              |               |               |                  |                |

**(102) 8p12-03-13****12/3/14****12-03-13**

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Picklist Print

March-06-12 4:28:21 PM

Page 1

Work Order ID: 81029

\*81029\*

Parent Item: D3997-15

\*D3997-15\*

Parent Item Name: Placard

Start Date: 06/03/2012

Required Date: 20/03/2012

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP rev A 10.01.12 new issue Prelim EC verified by:DD

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

D3997-15P

Purchased

No

Each

0.0000

10

\*D3997-15P\*

\*\*

Placard

6/4/13 (K)

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

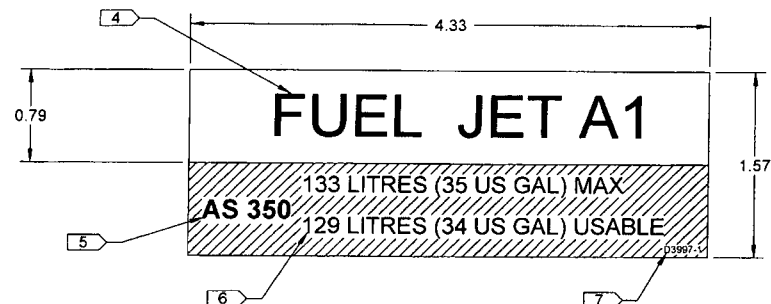
**NOTE:** Date & initial all entries

| DART AEROSPACE<br>PART NUMBER | JOHN CAMERON AVIATION<br>PART NUMBER |
|-------------------------------|--------------------------------------|
| D3997-1                       | JCA-M47-P1                           |
| D3997-3                       | JCA-M47-P2                           |

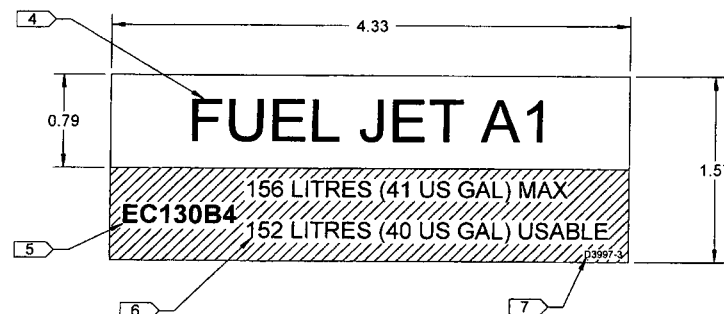
| PART NUMBER | INSTALLATION INSTRUCTIONS                    |
|-------------|--|
| D3997-1     | FOR AS350 AIRCRAFT - ADJACENT TO FUEL FILLER |
| D3997-3     | FOR EC130 AIRCRAFT - ADJACENT TO FUEL FILLER |

SHOP COPY  
RETURN TO  
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UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER

NO. 81029 MLJ  
12103106



D3997-1 PLACARD



D3997-3 PLACARD

RELEASED  
2010-01-11  
WP

NOTES:

- 1) MATERIAL: 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031
- 2) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) UNITS: INCHES UNLESS OTHERWISE NOTED
- 4) 36 PT FONT, BLACK TEXT ON WHITE BACKGROUND
- 5) 16 PT BOLD FONT, WHITE TEXT ON BLACK BACKGROUND
- 6) 14 PT FONT, WHITE TEXT ON BLACK BACKGROUND
- 7) 6 PT FONT, WHITE TEXT ON BLACK BACKGROUND

|            |             |    |          |
|------------|-------------|----|----------|
| A          | NEW ISSUE   |    | 09.10.05 |
| REV.       | DESCRIPTION | BY | DATE     |
| DESIGN     |             |    |          |
| DRAWN      |             |    |          |
| CHECKED    |             |    |          |
| MFG. APPR. |             |    |          |
| APPROVED   |             |    |          |
| DE APPR.   |             |    |          |
| DATE       | 09.10.05    |    |          |

DART AEROSPACE LTD  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3997 REV. A  
SHEET 1 OF 6

TITLE PLACARD SCALE NTS

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| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

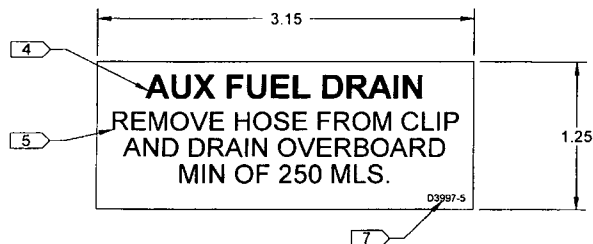
| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

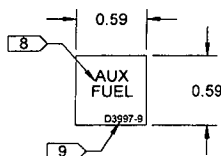


| DART AEROSPACE<br>PART NUMBER | JOHN CAMERON AVIATION<br>PART NUMBER |
|-------------------------------|--------------------------------------|
| D3997-5                       | JCA-M47-P3                           |
| D3997-7                       | JCA-M47-P4                           |
| D3997-9                       | JCA-M47-P5                           |
| D3997-11                      | JCA-M47-P6                           |

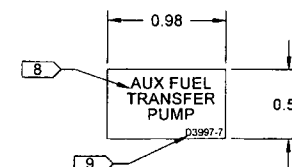
| PART NUMBER | INSTALLATION INSTRUCTIONS                   |
|-------------|---|
| D3997-5     | ON TANK ADJACENT TO FUEL DRAIN              |
| D3997-7     | ADJACENT TO PUMP SWITCH ON INSTRUMENT PANEL |
| D3997-9     | IN AIRCRAFT SWITCH PANEL                    |
| D3997-11    | ON TANK OUTBOARD SURFACE                    |



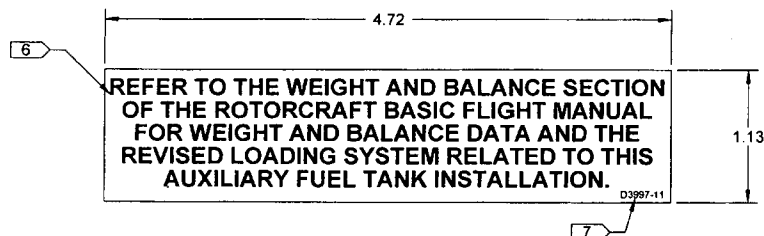
**D3997-5 PLACARD**



**D3997-9 PLACARD**



**D3997-7 PLACARD**



**D3997-11 PLACARD**

**RELEASED**  
R 2010-01-11  
JMP

**NOTES:**

- 1) MATERIAL: 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031
- 2) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) UNITS: INCHES UNLESS OTHERWISE NOTED
- 4) 20 PT FONT, BLACK TEXT ON WHITE BACKGROUND
- 5) 16 PT FONT, BLACK TEXT ON WHITE BACKGROUND
- 6) 14 PT BOLD FONT, BLACK TEXT ON WHITE BACKGROUND
- 7) 6 PT FONT, BLACK TEXT ON WHITE BACKGROUND
- 8) 10 PT FONT, WHITE TEXT ON BLACK BACKGROUND
- 9) 6 PT FONT, WHITE TEXT ON BLACK BACKGROUND

|            |          |   |              |
|------------|----------|---|--------------|
| DESIGN     | AS       | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA  |              |
| DRAWN      | AS       | DRAWING NO.   | REV. A       |
| CHECKED    | AS       | D3997   | SHEET 2 OF 6 |
| MFG. APPR. | AS       | TITLE   | SCALE        |
| APPROVED   | AS       | PLACARD   | NTS          |
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| DATE       | 09.10.05 |   |              |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

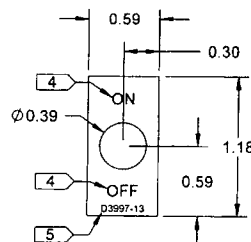
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

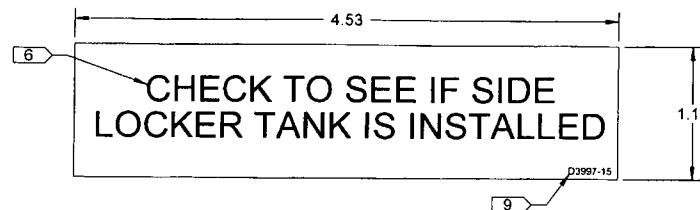
**NOTE:** Date & initial all entries

| DART AEROSPACE<br>PART NUMBER | JOHN CAMERON AVIATION<br>PART NUMBER |
|-------------------------------|--------------------------------------|
| D3997-13                      | JCA-M47-P7                           |
| D3997-15                      | JCA-M47-P8                           |
| D3997-17                      | JCA-M47-P9                           |
| D3997-19                      | JCA-M47-P10                          |

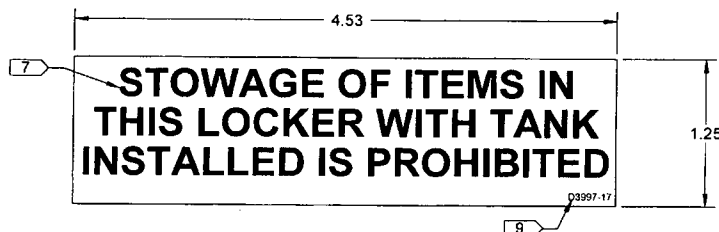
| PART NUMBER | INSTALLATION INSTRUCTIONS                            |
|-------------|--|
| D3997-13    | AROUND FUEL PUMP ON/OFF SWITCH                       |
| D3997-15    | ON BAGGAGE LOCKER OUTER SURFACE BELOW RELEASE BUTTON |
| D3997-17    | ON TANK OUTBOARD SURFACE                             |
| D3997-19    | AT VENT LINE OUTLET ON AIRCRAFT                      |



**D3997-13 PLACARD**



**D3997-15 PLACARD**



**D3997-17 PLACARD**



**D3997-19 PLACARD**

**NOTES:**

- 1) MATERIAL: 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031
- 2) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) UNITS: INCHES UNLESS OTHERWISE NOTED
- 4) 10 PT FONT, WHITE TEXT ON BLACK BACKGROUND
- 5) 6 PT FONT, WHITE TEXT ON BLACK BACKGROUND
- 6) 22 PT FONT, BLACK TEXT ON WHITE BACKGROUND
- 7) 24 PT BOLD FONT, BLACK TEXT ON WHITE BACKGROUND
- 8) 18 PT BOLD FONT, BLACK TEXT ON WHITE BACKGROUND
- 9) 6 PT FONT, BLACK TEXT ON WHITE BACKGROUND

**RELEASED**  
R 2010-01-11

|            |          |                             |
|------------|----------|-----------------------------|
| DESIGN     |          | <b>DART AEROSPACE LTD</b>   |
| DRAWN      |          | HAWKESBURY, ONTARIO, CANADA |
| CHECKED    |          | DRAWING NO. D3997           |
| MFG. APPR. |          | REV. A                      |
| APPROVED   |          | SHEET 3 OF 6                |
| DE APPR.   |          | SCALE                       |
| DATE       | 09.10.05 | TITLE PLACARD               |
|            |          | NTS                         |

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| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

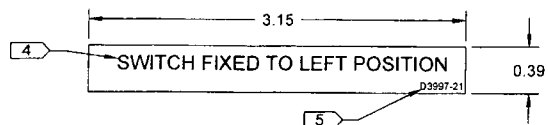
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

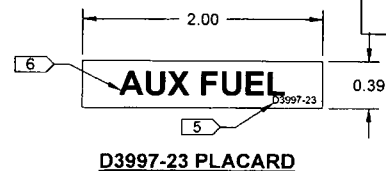
**NOTE:** Date & initial all entries

| DART AEROSPACE<br>PART NUMBER | JOHN CAMERON AVIATION<br>PART NUMBER |
|-------------------------------|--------------------------------------|
| D3997-21                      | JCA-M47-P13                          |
| D3997-23                      | JCA-M47-P14                          |
| D3997-25                      | JCA-M47-P15                          |
| D3997-27                      | JCA-M47-P16                          |

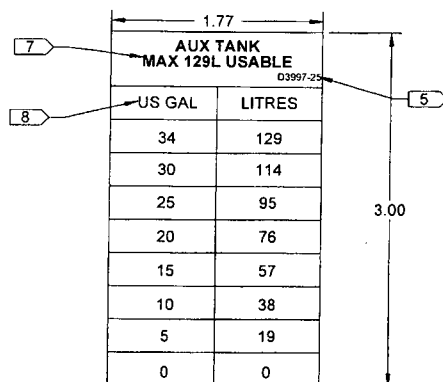
| PART NUMBER | INSTALLATION INSTRUCTIONS               |
|-------------|---|
| D3997-21    | ON AUX FUEL GAUGE SWITCH PLATE          |
| D3997-23    | ON AUX FUEL GAUGE                       |
| D3997-25    | NEXT TO AUX FUEL GAUGE<br>(AS 350 ONLY) |
| D3997-27    | NEXT TO AUX FUEL GAUGE<br>(EC 130 ONLY) |



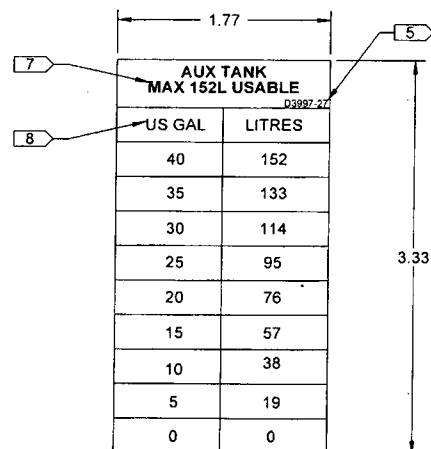
**D3997-21 PLACARD**



**D3997-23 PLACARD**



**D3997-25 PLACARD**



**D3997-27 PLACARD**

81029

**RELEASED**  
2010-01-11

- NOTES:
- 1) MATERIAL: 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031
  - 2) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 3) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 4) 12 PT FONT, WHITE TEXT ON BLACK BACKGROUND
  - 5) 6 PT FONT, WHITE TEXT ON BLACK BACKGROUND
  - 6) 20 PT BOLD FONT, WHITE TEXT ON BLACK BACKGROUND
  - 7) 10 PT BOLD FONT, WHITE TEXT ON BLACK BACKGROUND
  - 8) 10 PT FONT, WHITE TEXT ON BLACK BACKGROUND

|            |          |                                 |
|------------|----------|---------------------------------|
| DESIGN     |          | <b>DART AEROSPACE LTD</b>       |
| DRAWN      |          | HAWKESBURY, ONTARIO, CANADA     |
| CHECKED    |          | DRAWING NO. <b>D3997</b> REV. A |
| MFG. APPR. |          | SHEET 4 OF 6                    |
| APPROVED   |          | TITLE <b>PLACARD</b> SCALE NTS  |
| DE APPR.   |          |                                 |
| DATE       | 09.10.05 |                                 |

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| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

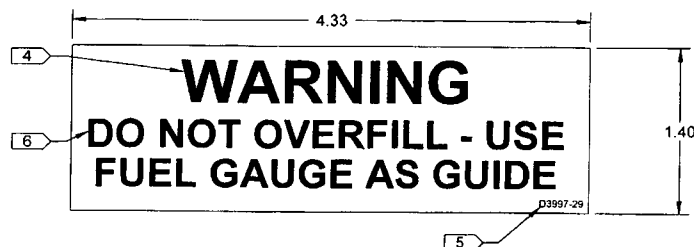
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

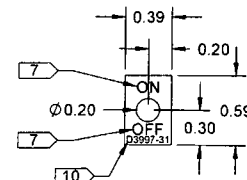
**NOTE:** Date & initial all entries

| DART AEROSPACE<br>PART NUMBER | JOHN CAMERON AVIATION<br>PART NUMBER |
|-------------------------------|--------------------------------------|
| D3997-29                      | JCA-M47-P17                          |
| D3997-31                      | JCA-M47-P18                          |
| D3997-33                      | JCA-M47-P19                          |
| D3997-35                      | JCA-M47-P20                          |

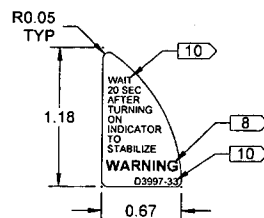
| PART NUMBER | INSTALLATION INSTRUCTIONS                                    |
|-------------|--|
| D3997-29    | ADJACENT TO FUEL FILLER                                      |
| D3997-31    | AROUND AUX FUEL GAUGE ON/OFF SWITCH ON INSTRUMENT PANEL      |
| D3997-33    | ON AUX FUEL GAUGE COVER                                      |
| D3997-35    | ADJACENT TO AUX FUEL GAUGE ON/OFF SWITCH ON INSTRUMENT PANEL |



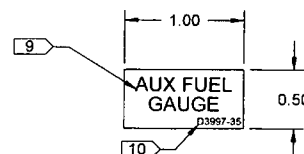
**D3997-29 PLACARD**



**D3997-31 PLACARD**



**D3997-33 PLACARD**



**D3997-35 PLACARD**

**NOTES:**

- 1) MATERIAL: 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031
- 2) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) UNITS: INCHES UNLESS OTHERWISE NOTED
- 4) 36 PT BOLD FONT, RED TEXT ON WHITE BACKGROUND
- 5) 6 PT FONT, BLACK TEXT ON WHITE BACKGROUND
- 6) 24 PT BOLD FONT, BLACK TEXT ON WHITE BACKGROUND
- 7) 10 PT FONT, WHITE TEXT ON BLACK BACKGROUND
- 8) 9 PT BOLD FONT, WHITE TEXT ON BLACK BACKGROUND
- 9) 12 PT FONT, WHITE TEXT ON BLACK BACKGROUND
- 10) 6 PT FONT, WHITE TEXT ON BLACK BACKGROUND

|   |                    |                             |
|---|--------------------|-----------------------------|
| DESIGN  | <i>[Signature]</i> | <b>DART AEROSPACE LTD</b>   |
| DRAWN   | <i>[Signature]</i> | HAWKESBURY, ONTARIO, CANADA |
| CHECKED   | <i>[Signature]</i> | DRAWING NO. D3997           |
| MFG. APPR.  | <i>[Signature]</i> | REV. A                      |
| APPROVED  | <i>[Signature]</i> | SHEET 5 OF 6                |
| DE APPR.  | <i>[Signature]</i> | SCALE                       |
| DATE  | 09.10.05           | PLACARD                     |
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RELEASED  
2010-01-11  
*[Signature]*

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

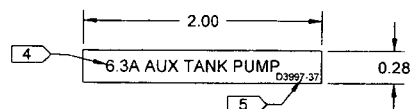
| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

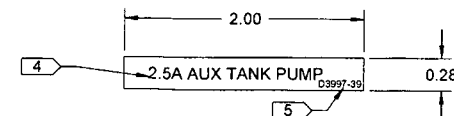


| DART AEROSPACE<br>PART NUMBER | JOHN CAMERON AVIATION<br>PART NUMBER |
|-------------------------------|--------------------------------------|
| D3997-37                      | JCA-M47-P21                          |
| D3997-39                      | JCA-M47-P22                          |
| D3997-41                      | JCA-M47-P23                          |
| D3997-43                      | JCA-M47-P24                          |

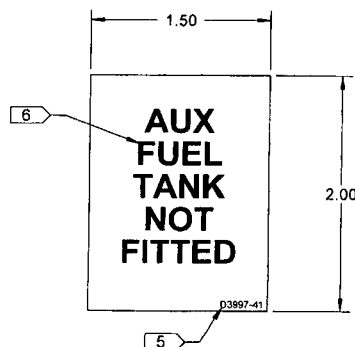
| PART NUMBER | INSTALLATION INSTRUCTIONS       |
|-------------|---------------------------------|
| D3997-37    | ADJACENT TO CB INSTALL          |
| D3997-39    | ADJACENT TO CB INSTALL          |
| D3997-41    | ON TANK ADJACENT TO FUEL FILLER |
| D3997-43    | ON TANK EARTH POINT             |



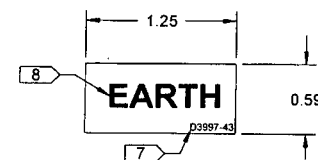
**D3997-37 PLACARD**



**D3997-39 PLACARD**



**D3997-41 PLACARD**



**D3997-43 PLACARD**

**NOTES:**

- 1) MATERIAL: 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031
- 2) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) UNITS: INCHES UNLESS OTHERWISE NOTED
- 4) 10 PT FONT, WHITE TEXT ON BLACK BACKGROUND
- 5) 6 PT FONT, WHITE TEXT ON BLACK BACKGROUND
- 6) 20 PT BOLD FONT, WHITE TEXT ON BLACK BACKGROUND
- 7) 6 PT FONT, BLACK TEXT ON WHITE BACKGROUND
- 8) 20 PT BOLD FONT, BLACK TEXT ON WHITE BACKGROUND

**RELEASED**  
2010-01-11

|                      |  |                             |
|----------------------|--|-----------------------------|
| DESIGN               |  | <b>DART AEROSPACE LTD</b>   |
| DRAWN                |  | HAWKESBURY, ONTARIO, CANADA |
| CHECKED              |  | DRAWING NO. <b>D3997</b>    |
| MFG. APPR.           |  | REV. A                      |
| APPROVED             |  | TITLE <b>PLACARD</b>        |
| DE APPR.             |  | SCALE                       |
| DATE <b>09.10.05</b> |  | NTS                         |

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|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Studio de Lettrage

210 Main Street W  
Hawkesbury, Ontario K6A 2H6

## INVOICE

Invoice No.: 17494  
Date: 03/12/2012  
Ship Date: 03/09/2012  
Page: 1  
Re: Order No. WO6782

### Sold to:

Dart Aerospace Ltd  
1270 Aberdeen  
Hawkesbury, Ontario K6A 1K7

### Ship to:

Dart Aerospace Ltd  
Hawkesbury, Ontario

Business No.: 82500 7651 RT0001

| Item No.     | Unit | Quantity | Description            | Tax | Unit Price | Amount |
|--------------|------|----------|------------------------|-----|------------|--------|
|              |      | 10       | D3997-5P               | H   |            |        |
|              |      | 10       | D3997-7P               | H   |            |        |
|              |      | 10       | D3997-15P              | H   |            |        |
|              |      | 10       | D3997-19P              | H   |            |        |
|              |      | 10       | D3997-21P              | H   |            |        |
|              |      | 10       | D3997-25P              | H   |            |        |
|              |      | 10       | D3997-31P              | H   |            |        |
|              |      | 10       | D3997-35P              | H   |            |        |
|              |      | 10       | D3559-41P              | H   |            |        |
|              |      | 9        | setup                  | H   | 50.00      | 450.00 |
|              |      | 1        | printing batch         | H   | 100.00     | 100.00 |
|              |      |          | H - HST 13%            |     |            |        |
|              |      |          | HST                    |     |            | 71.50  |
|              |      |          | PST Exempt: #6122-5207 |     |            |        |
| Total Amount |      |          |                        |     |            | 621.50 |

Studio de Lettrage HST: #825007651RT0001

Shipped By:

Tracking Number:

Comment:

PO 016363

Sold By:



## Product & Instruction Bulletin 8522

Release I, Effective September 2008  
See Bulletin Change Summary and end of Bulletin  
This Bulletin now includes method Bulletin 8522

# Scotchcal™ Changeable Opaque Imaging Media 8522

### For Thermal Inkjet Printing

## Product Description

This durable, 7 mil, opaque, changeable film is optimized for use with selected thermal inkjet printers and inks. Ink dries quickly on the film. When overlaminated, it is warranted for medium term, outdoor weatherable graphics, and long term indoor graphics.

## Recommended Types of Graphics and End Uses

When constructed and used as described in this Bulletin, these types of graphics and end uses may be warranted by the 3M™ MCS™ Warranty. Please read the entire Bulletin for details.

- First surface images (the image is on top of the film) for opaque posters and signs, including:
  - Graphics for vans, personal vehicles, trucks and buses
  - Novelty posters
  - Retail and point-of-purchase displays
  - Information graphics such as maps and directories
  - Entertainment promotions in museums, zoos, parks, theatres, sports venues
  - Education and presentation graphics
  - Legal and courtroom exhibits
- For flat or simple curved surfaces, with or without rivets, used in vertical ( $\pm 10^\circ$ ) applications

## Limitations of End Uses

3M specifically does not recommend or warrant the following uses, but please contact us to discuss your needs or recommend other products.

### Unsuitable End Uses for This Product

- Not for electronically cut individual letters and numbers
- Fleet applications in areas that use salt for winter road maintenance
- Application to non-warranted substrates, including wallboard
- Applications subjected to gasoline vapors or spills
- Application to corrugated or highly irregular surfaces or sharply raised areas
- Graphics applied to stainless steel, including stainless steel vehicles
- On flat surfaces with rivets, tenting of 4 to 10 mm around rivets may be expected; rivets may be cut around to eliminate tenting.
- Graphics made for automotive Original Equipment Manufacturers (OEM); contact 3M Automotive Division at 1-800-328-1684 for alternatives.

### About Water-Based Inkjet Technology

Standard inkjet technology is water based. Water-based chemistry is susceptible to the extremes of heat and humidity. This is a factor in most product constructions on the market. Read the Fabrication, Shelf Life and Storage sections in this Bulletin. Staying in the middle of these ranges always provides optimum performance.

## Compatible Products

### 3M Graphic Materials

For complete details about graphic construction options, recommended uses and durability, refer to the Product Bulletin for the base film or substrate (media) you are using. See **3M Related Literature** at the end of this Bulletin.

This Bulletin provides details about the base film and construction options and warranty. Additional specific information about compatible products can be found in the Product and Instruction Bulletins listed in **3M Related Literature** at the end of this bulletin.

### 3M Graphic Materials

For complete details about graphic construction options, recommended uses and durability, refer to the Product Bulletin for the base film or substrate (media) you are using. See **3M Related Literature** at the end of this Bulletin.

#### Film

- 3M™ Scotchcal™ Opaque Imaging Media 8522

#### Overlamine

- 3M™ Scotchcal™ Luster Overlamine 8519
- 3M™ Scotchcal™ Matte Overlamine 8520

#### Printers and Inks

##### HP Designjet Printers

- 2500CP and 2000CP  
2800CP and 3800CP  
3500CP and 3000CP
- HP Designjet 5000 and 5500

- Z6100

##### HP Inks

- Designjet CP Ink System UV (pigment-based)
- Designjet CP Inkjet System (imaging ink)
- HP 91 Vivera Ink System

##### Epson Printers

- Stylus Pro 9500
- Stylus Pro 10000 printer
- Stylus Pro 10600 printer

##### Epson Inks

- Archival Inks

## Characteristics

These are typical values for unprocessed product; processing may change the values. Contact your 3M representative for a custom specification.

| Characteristic                   | Description  |
|----------------------------------|--|
| Media                            | 7 mil, white, opaque graphic film  |
| Liner                            | Low-slippage, lay flat paper   |
| Adhesive                         | Changeable, pressure sensitive   |
| Thickness                        | <b>Media with adhesive:</b> 7.5 to 8 mil (nominal)   |
| Warranted application substrates | See next page.   |
| Application surfaces             | Flat or simple curved surfaces, with or without rivets, used in vertical ( $\pm 10^\circ$ ) applications (no corrugations) |
| Application temperature range    | 28° to 110°F (-2° to 43°C) (air and surface)   |
| Removable                        | For up to one year; see Warranty Information   |

| Characteristic                   | Description  |
|----------------------------------|--|
| Warranted application substrates | <p>Some substrates may "out-gas", resulting in tiny bubbles throughout the surface of the graphic. For maximum performance, be sure the substrate you select is properly cleaned and prepared as recommended by the manufacturer. See Instruction Bulletin 5.1 for additional information.</p> <ul style="list-style-type: none"> <li>• Alodine (anodized aluminum)</li> <li>• Automotive panels (automotive painted steel)</li> <li>• Fruehauf (painted aluminum)</li> <li>• FRP (fiberglass reinforced plywood)</li> <li>• Glass</li> <li>• Imron® (polyurethane-painted metal panel)</li> <li>• Acrylic</li> <li>• Sintra™ board</li> </ul> <p>Note: Use on any other substrate is strictly on a graphics manufacturer and customer test and approve basis. Test for both adhesion and removal characteristics. The plasticizer in some banner materials may migrate. This may cause the edge of the graphic to peel or lift off of the banner. For optimum performance, follow the guidelines in the section, Creating A Laminated Overlap, on page 4.</p> |

## Warranty Information

The warranty given in the Product Bulletin that is current at the time you purchased the film is the one that 3M will honor. **The warranties in the following table(s), given in years, are for finished graphics exposed in a vertical exposure in the United States except the Desert Southwest.** See the warranty sections following this table for additional information.

### 3M™ MCS™ Warranty Durability for Finished Graphics

| Construction (film and overlaminate on warranted substrate) | HP Printers & Inks |         | Epson Printers & Inks |         | Removal                                    |
|---|--------------------|---------|-----------------------|---------|--|
|   | Outdoor            | Indoor  | Outdoor               | Indoor  |  |
| 8522/8519   | 3 years            | 5 years | 2 years               | 5 years | 1 year without chemical strippers or tools |
| 8522/8520   |                    |         |                       |         |  |

## Warranty and Limited Remedy

The following is made in lieu of all other express or implied warranties, including any implied warranty of **merchantability** or fitness for a particular purpose or implied warranty arising out of a course of dealing, custom or usage of trade: all 3M products are warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in this Product Bulletin. 3M will replace or refund the price of any 3M materials that do not meet this warranty within the specified time periods. These remedies are exclusive. **In no case shall 3M be liable for any direct, indirect, or consequential damages, including any labor or non-3M materials charges.**

See the Graphics Market Center Warranty Brochure, which gives the terms, additional limitations of the warranty, if any, and limitations of liability.